



PTO/SB/08A (08-08)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/534,421
				Filing Date	May 5, 2005
				First Named Inventor	Hong Chen
				Art Unit	1793
				Examiner Name	Paul D. Marcantoni
Sheet	1	of	17	Attorney Docket Number	131279.1039

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
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		US-2,547,127	04-03-1951	Kalousek	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
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		AR-012390	10-18-2000	James Hardie Research		
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		AR-151553	10-5-1966	Johns-Manville Corporation		
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		AU-A-55929/86	10-30-1986	The Dow Chemical Company		
		AU-44948/85	01-24-1986	Sandoz AG		
		AU-515151	03-19-1981	James Hardie & Coy, Pty. Limited		
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		AU-659400	05-11-1995	Vinyl-Crete Products Australia Pty Limited		
		CN-1061328	09-23-1998	Shenyang Construction Engineer		✓
		CN-1099089-A	02-22-1995	Huatai Chemical Products Co Sh		✓

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		DE-3324671	01-17-1985	Didier Werke AG		
		DE-3711549	10-15-1987	Ube Industries, Ltd		✓
		DE-3743467-A1	07-13-1989	Heidelberger Zement AG		✓
		DE-4229572	03-11-1993	Nichias Corp		
		DE-19607081	08-28-1997	Bilfinger & Berger Umweltverfahrenstechnik GmbH		✓

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		US-5,490,889	02-13-1996	Kirkpatrick et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP-7585	02-06-1980	Minora Forsch Entwicklung		✓
		EP-21362	01-07-1981	Montedison S.p.A. et al.		
		EP-69095	01-05-1983	Thermobase S.N.C.		
		EP-0314242	05-03-1989	Pumptechn N.V.		

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				Application Number	10/534,421
				Filing Date	May 5, 2005
				First Named Inventor	Hong Chen
				Art Unit	1793
				Examiner Name	Paul D. Marcantoni
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		Number-Kind Code ² (if known)			
		US-5,508,072	04-16-1996	Andersen et al.	
		US-5,536,310	07-16-1996	Brook et al.	
		US-5,547,505	08-20-1996	Nakatsu et al.	
		US-5,549,859	08-27-1996	Andersen et al.	
		US-5,556,458	09-17-1996	Brook et al.	
		US-5,562,832	10-08-1996	McOnie et al.	
		US-5,580,508	12-03-1996	Kobayashi et al.	
		US-5,583,079	12-10-1996	Golitz et al.	
		US-5,584,895	12-17-1996	Seike et al.	
		US-5,658,624	08-19-1997	Anderson et al.	
		US-5,681,384	10-28-1997	Liskowitz et al.	
		US-5,693,137	12-02-1997	Styron	
		US-5,709,743	01-20-1998	Leture et al.	
		US-5,728,458	03-17-1998	Sweeney	
		US-5,817,230	10-06-1998	Gropp, Jr. et al.	
		US-5,820,668	10-13-1998	Comrie et al.	
		US-5,853,475	12-29-1998	Liskowitz et al.	
		US-5,863,477	01-26-1999	Kawai et al.	
		US-5,873,654	02-23-1999	Lu	
		US-5,888,322	03-30-1999	Holland	
		US-5,891,374	04-06-1999	Shah et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP-0327351	08-09-1989	Dow Chemical Co		
		EP-0376334	07-04-1990	Ask Corp		
		EP-417418	03-20-1991	Baustoffwerke Durmersheim GmbH		✓

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		US-5,997,630	12-07-1999	Angelskar et al.	
		US-5,997,632	12-07-1999	Styron	
		US-6,008,275	12-28-1999	Moreau et al.	
		US-6,030,447	02-29-2000	Naji et al.	
		US-6,048,088	04-11-2000	Haring et al.	
		US-6,068,466	05-30-2000	Morita et al.	
		US-6,139,620	10-31-2000	Suzuki et al.	
		US-6,143,069	11-07-2000	Brothers et al.	
		US-6,204,214	03-20-2001	Singh et al.	
		US-6,325,853	12-04-2001	Hogan et al.	
		US-6,332,921	12-25-2001	Brothers et al.	
		US-6,346,146	02-12-2002	Duselis et al.	
		US-6,375,853	04-23-2002	Yoon	
		US-6,387,175	05-14-2002	Lynn et al.	
		US-6,482,258	11-19-2002	Styron	
		US-6,485,561	11-26-2002	Dattel	
		US-6,506,248	01-14-2003	Duselis et al.	
		US-6,533,848	03-18-2003	Robl et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP-0619227	10-12-1994	A.W.A.X. Progettazione		<input checked="" type="checkbox"/>
		EP-0619277	10-12-1994	Grace W R & Co et al.		<input checked="" type="checkbox"/>
		EP-0678488	10-25-1995	NGK Insulators Ltd		<input checked="" type="checkbox"/>
						<input type="checkbox"/>

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		Number-Kind Code ² (if known)			
		US-6,572,697-A1	06-03-2003	Gleeson et al.	
		US-6,641,658	11-04-2003	Dubey	
		US-6,645,289	11-11-2003	Sobolev et al.	
		US-6,660,077	12-09-2003	De Buen-Unna et al.	
		US-6,676,744	01-13-2004	Merkley et al.	
		US-6,676,745-A1	01-13-2004	Merkley et al.	
		US-6,682,595	01-27-2004	Barbour	
		US-6,692,564	02-17-2004	Hofmann et al.	
		US-6,692,570	02-17-2004	Cottier et al.	
		US-6,749,897	06-15-2004	Naji et al.	
		US-6,777,103	08-17-2004	Merkley et al.	
		US-6,809,131	10-26-2004	Li et al.	
		US-6,824,605	11-30-2004	De Buen-Unna et al.	
		US-6,824,715	11-30-2004	Cottier et al.	
		US-6,872,246	03-29-2005	Merkley et al.	
		US-6,893,751	05-17-2005	Naji et al.	
		US-7,028,436	04-18-2006	Bezubic, Jr.	
		US-20020112827-A1	08-22-2002	Merkley et al.	
		US-20020170466-A1	11-21-2002	Naji et al.	
		US-20020170467-A1	11-21-2002	Naji et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP-0725044	08-07-1996	Chichibu Onoda Cement Corp et al.		
		EP-803484	10-29-1997	Ask Corp		
		EP-846666	06-10-1998	A & A Material Corp		√

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		Number-Kind Code ² (if known)			
		US-20020170468-A1	11-21-2002	Luo et al.	
		US-20020175126-A1	11-28-2002	Naji et al.	
		US-20020179219-A1	12-05-2002	Naji et al.	
		US-20020189499-A1	12-19-2002	Naji et al.	
		US-20020189500-A1	12-19-2002	Naji et al.	
		US-20020192510-A1	12-19-2002	Naji et al.	
		US-20030000424-A1	01-02-2003	Naji et al.	
		US-20030164119-A1	09-04-2003	Naji et al.	
		US-20040083677-A1	05-06-2004	Bezubic et al.	
		US-20040145078-A1	07-29-2004	Merkley et al.	
		US-20040168615-A1	09-02-2004	Luo et al.	
		US-20040211342	10-28-2004	Sprouts et al.	
		US-20050005821	01-13-2005	Colombet et al.	
		US-20050016423-A1	01-27-2005	Merkley et al.	
		US-20050045067-A1	03-03-2005	Naji et al.	
		US-20050126430	06-16-2005	Lightner et al.	
		US-20050208287	09-22-2005	Naji et al.	
		US-20050235883-A1	10-27-2005	Merkley et al.	
		US-20070077436-A1	04-05-2007	Naji et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP-846668	06-10-1998	Dow Corning Corp		✓
		EP-0875356	11-04-1998	Coperion Werner & Pfleiderer GmbH & Co		✓

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		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)				
		FR-2512440	03-11-1983	Colas S.A.		✓
		GB-1265471	03-01-1972	BPB Industries Ltd		
		GB-1490711	11-02-1977	Hoechst AG		
		GB-1514239	06-14-1978	Nat Res Dev Corp		
		GB-2106527	04-13-1983	Grace W R & Co		
		GB-2230772	10-31-1990	Jaypack Limited et al.		
		GB-2276875	10-12-1994	MHJ Ltd		
		HU-0001904	11-28-2000	Osinga, Theo Jan		✓
		HU-31027	04-28-1984	Vizgazdalkodasi Tudomanyos Kutato Kozpont et al.		✓
		HU-164419	02-28-1974	Ferma Gesellschaft für Rationelle Fertigbaumethoden und Maschinenanlagen mbH		
		HU-173947B	09-28-1979	Halle Wohnungsbau		
		HU-180773	04-29-1983	Nemes Géza et al.		
		HU-200511	09-26-1986			
		HU-209836	06-28-1994	Kis et al.		
		HU-P8905285	01-28-1990	Fibronit SRL		
		HU-P9602843	12-30-1996	Durapact Gesellschaft Fuer Glasfaserbetontechnologie MbH		
		IT-1311962	03-20-2002	Masini		✓
		JP-1029843	01-31-1989	Fuji Photo Film Co Ltd		✓
		JP-1037478	02-08-1989	Nichias Corp		✓
		JP-01318080	12-22-1989	Asahi Chemical Ind Co		✓
		JP-02283646	11-21-1990	Shin Etsu Chemical Co Ltd		✓
		JP-02289456	11-29-1990	Asuku KK		✓
		JP-03295843	12-26-1991	Taisei Corp et al.		✓
		JP-04089340	03-23-1992	Sekisui Chemical Co Ltd		✓
		JP-4182333	06-29-1992	Dai Ichi Kogyo Seiyaku Co Ltd		✓
		JP-4260645	09-16-1992	Nippon Kokan KK		✓

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP-04349155	12-03-1992	Onoda Cement Co Ltd et al.		✓
		JP-5154816	06-22-1993	Kubota Corp		✓
		JP-5186261	07-27-1993	Nichias Corp		✓
		JP-5425927	02-27-1954	Matsushita Electric Works, Ltd		✓
		JP-06127992	05-10-1994	Kao Corp		✓
		JP-06144912	05-24-1994	Kubota KK		✓
		JP-06144944	05-24-1994	Asahi Chemical Ind Co Ltd		✓
		JP-6236055	1987			✓
		JP-06256053	09-13-1994	Denki Kagaku Kogyo KK		✓
		JP-06258053	09-16-1994	Hitachi Electr Eng et al.		✓
		JP-6271371	09-27-1994	Nichias Corp		✓
		JP-6429843	01-31-1989			
		JP-07165455	06-27-1995	Sekisui Chemical Ind Co Ltd		✓
		JP-07187734	07-25-1995	Sekisui Chemical Co Ltd		✓
		JP-08073283	03-19-1996	Sekisui Chemical Co Ltd		✓
		JP-08132417	05-28-1996	Sekisui Chemical Co Ltd		
		JP-08132418	05-28-1996	Sekisui Chemical Co Ltd		
		JP-09052747	02-25-1997	Denki Kagaku Kogyo KK		✓
		JP-9201561	08-05-1997	Kubota KK		✓
		JP-92-17659	08-19-1997	Denso Corp		✓
		JP-9227200	09-02-1997	Nichiha KK		✓
		JP-09262815	10-07-1997	Sekisui Chemical Co Ltd		
		JP-9292815	11-11-1997	Canon KK		✓
		JP-10330146	12-15-1998	Sekisui Chemical Co Ltd		✓
		JP-11092202	04-06-1999	Matsushita Electric Works Ltd		✓
		JP-11139859	05-25-1999	Sumitomo Osaka Cement Co Ltd		✓
		JP-408067541	03-12-1996	Kubota Corp		✓
		JP-55095654	07-21-1980	Toyo Soda Mfg Co Ltd		✓

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		JP-55130847	10-11-1980	Tokuyama Soda Co Ltd		✓
		JP-56014466	02-12-1981	Nippon Asbestos Co Ltd		
		JP-57017452	01-29-1982	Asahi Asbestos Co Ltd		✓
		JP-57183344	11-11-1982	Asahi Chemical Ind		
		JP-58000351	01-05-1983	Nippon Asbestos Co Ltd		✓
		JP-58149939	09-06-1983	Sumitomo Bakelite Co		✓
		JP-59045953	03-15-1984	Asahi Chemical Ind		
		JP-59107985	06-22-1984	Nichias Corp		✓
		JP-59217659	12-07-1984	Osaka Packing		
		JP-60135211	07-18-1985	Matsushita Electric Works Ltd		
		JP-60191074	09-28-1985	Matsushita Electric Works Ltd		✓
		JP-61141656	06-28-1986	Nichias Corp		
		JP-61178462	08-11-1986	Denki Kagaku Kogyo KK		✓
		JP-62036056	02-17-1987	Sanyo Chemical Ind Ltd		
		JP-62207751	09-12-1987	Denki Kagaku Kogyo KK		✓
		JP-62235274	10-15-1987	Nichias Corp		
		JP-63008248	01-14-1988	Shikoku Elec Power		✓
		JP-63248751	10-17-1988	Onoda Cement Co Ltd		✓
		JP-75095319	07-29-1975	Nippon Asbestos Co., Ltd.		✓
		JP-88-052740	06-25-1986	Shikoku Denryoku KK		✓
		JP-92-052746	04-13-1990	Shikoku Sogo Kenkyusho K. et al.		✓
		JP-92-054171	04-17-1990	Shikoku Sogo Kenkyu et al.		✓
		JP-2000160057	06-13-2000	Ando Corp		✓
		JP-2000302522	10-31-2000	Matsushita Electric Works Ltd		✓
		JP-2001026485	01-30-2001	Sumitomo Osaka Cement Co Ltd		✓
		JP-2001028492	01-30-2001	YKK Architectural Products Inc. et al.		✓
		JP-2001316157	11-13-2001	Kuraray Co Ltd		✓

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/534,421
				Filing Date	May 5, 2005
				First Named Inventor	Hong Chen
				Art Unit	1793
				Examiner Name	Paul D. Marcantoni
Sheet	15	of	17	Attorney Docket Number	131279.1039

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP-2002053361	02-19-2002	Sumitomo Osaka Cement Co Ltd et al.		✓
		JP-2005034695	02-10-2005	Kyowa Exeo Corp		✓
		JP-04002642	04-17-1990	Shikoku Sogo		✓
		JP-04144949	05-19-1992	Shimomura Tadaaki		✓
		JP-07033502	02-03-1995	Shinetsu Chemical Ind. Co.		✓
		JP-500605 / 98	01-21-1997			
		JP-06001648	01-11-1994	Kubota Kk		✓
		JP-06144911	05-24-1994	Kubota Kk		✓
		KR-9508587	08-03-1995	Ssangyong Cement Industrial Co. Ltd		✓
		KR-2000014685	03-15-2000	Hyundai Construction Co. Ltd.		✓
		KR-2001053808	07-02-2001	Hanil Cement Co Ltd.		✓
		RU-2161695	01-10-2001	Predpriyatie Kuban Gazprom		✓
		RU-2167485	05-20-2001	Novopashin Igor' Vital'evich et al.		✓
		RU-2168485	06-10-2001	Belov, V.V. et al.		✓
		RU-2243189	12-27-2004	Gosudarstvennoe Obrazovatel'noe Uchrezhdenie Vysshego Professional'nogo Obrazovaniya "Ural'skii Gosudarstvennyi Tekhnicheskii Universitet-UPI"		✓
		SU-4110544	01-15-1974			
		SU-1571024	06-15-1990	Kherson Agricultural Institute		✓
		SU-1668346	08-07-1991	Khabarovsk Polt Inst		✓
		SU-1782758	12-23-1992	Vni Pi Promy Asbestotsementnyk		✓
		TW-408089	10-11-2000	Shen, De-Shian et al		✓
		WO-86/00291	01-16-1986	Sandoz AG		
		WO-92/00251	01-09-1992	Univ California		

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NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	SKAGGS, C.B. et al., "Applications of Rheological Modifiers and Super Plasticizers in Cementitious Systems," American Concrete Institute, SP (1994), SP-148, 189-207
	GEHM, H.W., "New & Basic Research Approaches to Liquid Effluent Treatment," Paper Trade Journal (1958), 142 (No. 16), 40-4, 46
	"Self-leveling elastic waterproofing coating," Shanghai Building Materials, Issue 6, 2000, pp. 24-25.
	Xu et al., "Study on particle size distribution and chemical activity of mechanical activated fly ash," Guisuanyan Tongbao (2003), 22(2), pp. 73-76 (abstract only).
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	CRENNAN, J.M. et al., "Autoclaved Lime-Quartz Materials," Cement and Concrete Research, Vol. 7, pp. 493-502, 1977.
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